

L Number	Hits	Search Text	DB	Time stamp
2	309	(align\$4 near3 grid) near7 (image or frame)	USPAT; US-PGPUB; EPO	2004/05/03 05:22
3	192	(align\$4 near2 grid) near5 (image or frame)	USPAT; US-PGPUB; EPO	2004/05/03 05:22
4	135	((align\$4 near2 grid) near5 (image or frame)) and (@ad<=20000822 or @rlad<=20000822)	USPAT; US-PGPUB; EPO	2004/05/03 05:22
5	68	align\$4 near2 image near2 grid\$4	USPAT; US-PGPUB; EPO	2004/05/03 05:22
6	52	(align\$4 near2 image near2 grid\$4 ) and (@ad<=20000822 or @rlad<=20000822)	USPAT; US-PGPUB; EPO	2004/05/03 05:23
7	96	(align\$4 near2 grid\$4) same probe	USPAT; US-PGPUB; EPO	2004/05/03 05:22
8	65	((align\$4 near2 grid\$4) same probe ) and (@ad<=20000822 or @rlad<=20000822)	USPAT; US-PGPUB; EPO	2004/05/03 05:23
9	50	((align\$4 near2 grid\$4) same probe ) and (@ad<=20000822 or @rlad<=20000822)) not ((align\$4 near2 image near2 grid\$4 ) and (@ad<=20000822 or @rlad<=20000822))	USPAT; US-PGPUB; EPO	2004/05/03 05:23

$L_9 = L_8 \text{ Not } L_6$ , so  $L_9$  &  $L_6$  are mutually exclusive queries,

L Number	Hits	Search Text	DB	Time stamp
1	309	(align\$4 near3 grid) near7 (image or frame)	USPAT; US-PGPUB; EPO	2004/05/03 00:37
2	192	(align\$4 near2 grid) near5 (image or frame)	USPAT; US-PGPUB; EPO	2004/05/03 03:32
4	135	((align\$4 near2 grid) near5 (image or frame)) and (@ad<=20000822 or @rlad<=20000822)	USPAT; US-PGPUB; EPO	2004/05/03 03:34
5	4	("6349144" "6090555").pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/03 02:45
6	2	EP-923050-\$.did.	EPO; DERWENT	2004/05/03 02:46
7	3	("5471248"   "5604819"   "5744305").PN.	USPAT	2004/05/03 02:51
8	23	("4550084"   "4641528"   "5121320"   "5273632"   "5389792"   "5417923"   "5541064"   "5560811"   "5580728"   "5583973"   "5680514"   "5695937"   "5757954"   "5837475"   "5851769"   "5853979"   "5865975"   "5876933"   "5916747"   "5945284"   "5945679"   "5981190"   "6103479").PN.	USPAT	2004/05/03 03:08
9	5	6349144.URPN.	USPAT	2004/05/03 03:08
10	68	align\$4 near2 image near2 grid\$4	USPAT; US-PGPUB; EPO	2004/05/03 04:15
11	52	(align\$4 near2 image near2 grid\$4 ) and (@ad<=20000822 or @rlad<=20000822)	USPAT; US-PGPUB; EPO	2004/05/03 03:34

(align\$4 near2 grid) same probe

• L11 gave excellent results, as did  
all of the Fwd & Bwd citations i did.